T BOOK

sions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
DI -	41534 -		
CSI -	83068 -		
FSD -	134985 -		
CWC -	20767 -		
CBP -	2077 -		
Total -	283431 = 0		

Work code - 006-15-000020

Est cost Rs. 30.00 Lakhs

Final Bill

BR-302/31/3/16

M. A. R. 57 (Rule 116)

Measurement Book

No. B 261045

Serial No. Maintenance & Water Supply Existing Pump

Name of Work and Motor Repairs From & Pipe Lines To Providing additional

Name of Contractor of nature of Agency New Pumps Motors Gatevalves and

Date of commencement of work Other Accessories in Manjunatha Surrounding

area in Ward No. 06 Byatarayanapura Sub Division

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Name & Contractor - Sri H.V. Nagaraj. (M/s Kranthi Electricals) Bagepalli - 561207.						
	Work order No. - EE/BTP/BBMP/E.PMI/369/2014-15						
①	Lifting & Submersible pump set as per specification and direction of the Engineer incharge & the work. Log book Enclosed.	35	-	-	-	35 Nos	
	Rate 889:00						31115:00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	2) Transportation & Pumping machinery ese.. Compose and as per the direction & the Engineer in charge & the work. Log book Enclosed Rate 941:00					35.00 Nos 32935:00	
	3) Lagan Charges (Cover hauling) ese.. Compose and as per the direction & the Engineer in charge the work.						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Log book En
	Rate 575:00
	4) Repairs to Mo Seas with Copp as per IS Specifi ese.. Compose a

BOOK

ons		Contents	Reference to last Measurement
readth 5	Depth 6	7	8
			g machinings ese..
			neesion & the Engineer
			35.00 Nos
			32935:00
			elding) ese.. Compose
			& the Engineer in-cha

M. A. R. 57 (Rule 116)
Measurement Book

No. B 261046

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Log book Enclosed.	35	-	-	-	35 Nos	20125:00
	Rate 575:00						
4)	Repairs to Motor Rewinding & Submersible Pump Sets with Copper insulation wire & Resistance Gauge as per IS Specification with guarantee & 6 months ese.. Compose and as per the direction & the						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	41) Supplying and drawing 3 core flat pvc sheathed Submersible pump cable manufactured with electro-lytic grade copper conforming to table 3 class 5 & IS 8130-1984 and virgin grade pvc insulation and sheathed suitable for working voltage upto 1100 volts 4 sq mm & 56 strands 0.3 mm dia Group.						
	1) Thanisandra Main Road (KEB Narayanappa Kavle)	1	400.00	-	-	400.00	
	2) Anam Enclave. (Near school) Road	1	398.00	-	-	398.00	
						798.00 Mtr	154014=00

Seen
31/3

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	N
1	2	
	42) Supplying and d non return valv with latest amend wheel valve).	
Seen 31/3	Log book Ent	
	Road (Dry:2) 774:00	
	43) Providing and Log book En	

OOK

dth	Depth 6	Contents 7	Reference to last Measurement 8
		Cone flat pve Sheared	
		annealed with Electro-	
		reverse copper Coulomb	
		s 5 & IS 8130 - 1984	
		ion and Sheathed Suitable	
		00 volts 4 Sq mm & 56	
-	-	400.00	
-	-	398.00	
		798.00 Mtr	154014=00

M. A. R. 57 (Rule 116)
Measurement Book

No. B 261057

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
42)	Supplying and delivery & Stand mtd non return valve & size 50 mm as per IS 778/84 with latest amendments with ISI mark (50 mm Gate valve). Log book Enclosed.	75	-	-	-	75 Nos.	best make
	774:00						133050:200
43)	Providing and fixing & 50 mm GI Send to Meter Log book Enclosed.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		105	-	-	-	105 No.	25410:00
	Rate 242:00						
44)	Providing and fixing 25 mm GI nipple to motor log book Enclosed.	120	-	-	-	120 No.	13800:00
	Rate 115:00						
45)	Providing and fixing 25mm GI reniion to the Motor. Log book Enclosed.	120	-	-	-	120 No.	29760:00
	Rate 248:00						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	46) Earthwork Exc... water supply ... either in pits ... width in hard ... including dress... trenches stacki... & excavation ... complete as per ... increase of the

MENT BOOK

Dimensions			Contents	Reference to last Measurement
ength 4	Breadth 5	Depth 6	7	8
-	-	-	105 No.	25410 : 00
& 50 mm Gl	nipple &	mazor		
-	-	-	120 No.	13800 : 00
& 50mm Gl	ension to	the		
-	-	-	120 No.	29760 : 00

M. A. R. 57 (Rule 116)
Measurement Book

No. B 261058

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
46)	Earthwork Excavation for foundation & buildings Water Supply Sanitary lines and electrical conduits either in pits or in trenches 1.50 mtr and above in width in hard soil not exceeding 1.50 mtr in depth including dressing the bottom and sides & pits and trenches stacking the excavated soil clear from edges & excavation with lead upto 50 m as per direction & Engineer incharge & the work complete as per specification						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	As per Pre-measurement recorded vide Page No. 261073 to 261076					8 nos MB 472.50 m^3	
	Rate 233:00						110092:50
47)	Providing and installing as per size & class 63 mm (0.662) PVC pipes @ 6 kg/cm^2 including cost of Pipes and Specials and Cement including lowering into trenches laying true to line level and gradient using jointing tape with all labour and incidentals including jointing & approved materials including excavating the pipe around to a						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Nu
1	2	
	depth not less than excavate from the	
	As per Pre-me	
	Page No. 261076	
	Rate 369:00	
48)	Refilling excavated in layers not exc	

OOK

Depth 6	Contents 7	Reference to last Measurement 8
recorded vide		
& this MB		
472.50	M^3	
	10092 : 50	
size & work 63 mm		
eeding cost & Pipes		
ing lowering in so		
ual and perfect lining		
joining & approved		
charges handling		
e pipe around to a		

M. A. R. 57 (Rule 116)
Measurement Book

No. B 261059

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	depth not less than 15 cms with gravel or selected ear						
	excavation etc. compressed.						
	As per Pre-measurement recorded vide						
	page No. 261076	to	261078				& this MB
						1400.00 mm	
	Rate 369:00						516600.00
48)	Refilling available earth around pipe liner cases in layers not exceeding 20cms in depth Compacting						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Each deposited layer by ramming asser watering work load upto 50 mm and over upto 1.00m including cost of all labour compleate as per specification.						
	Quantity vide Item no. 46					472.50 m³	
	Rate 62:00					29295:00	
49)	Providing and fixing in position brass gate valve with cast wheel of approved quality (screwed end) of nominal bore including cost of all necessary labour and equipments						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Age
Date of commencement of work .....

Date	Full description, etc, of wo
1	2
	With all lead -cation and Work. Log book
	Rate 1655:0

Assistant Exec
Jyatarayanapp
B.B.M.P. B

Contents	Reference to last Measurement
7	8
...mp asser...	
...d cirs upto 1.50m...	
...ese as per...	
472.50 M	3
	29295:00
brass base	
...d anchory...	
...me including	
...e complete	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 261060

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	With all lead and lift esc... complete as per speci... cation and direction of Engineer in charge of the work.						
	Log book Enclosed.	32	-	-	-	32 Nos.	52960:00
	Rate 1655:00						
						Total Rs-	3133894:50

Assistant Executive Engineer
Jayatarayanapura Sub Division
B.B.M.P. Bangalore

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Certificate. 1) Certified that the work done Satisfactory 2) This bill Amount has not been claimed in any of previous bill.						

Assistant Executive Engineer
Byatarayanapura Sub. Division
B.B.M.P. Bangalore

31/12/2015

M.

Serial No. .....
Name of Work ..... Fr
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Numb
1	2	3

BOOK

ons		Contents	Reference to last Measurement
readth 5	Depth 6	7	8
		done Satisfactorily	
		not been claimed in	
		Assistant Executive Engineer 31/12/2015 Byatarayanapura Sub Division B.B.M.P. Bangalore	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 261061

Serial No. .....
Name of Work ..... From ..... To .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2		4	5	6	7	8
		4 no's	250 mm				
					150 mm		
					300 mm		

Mariguppa

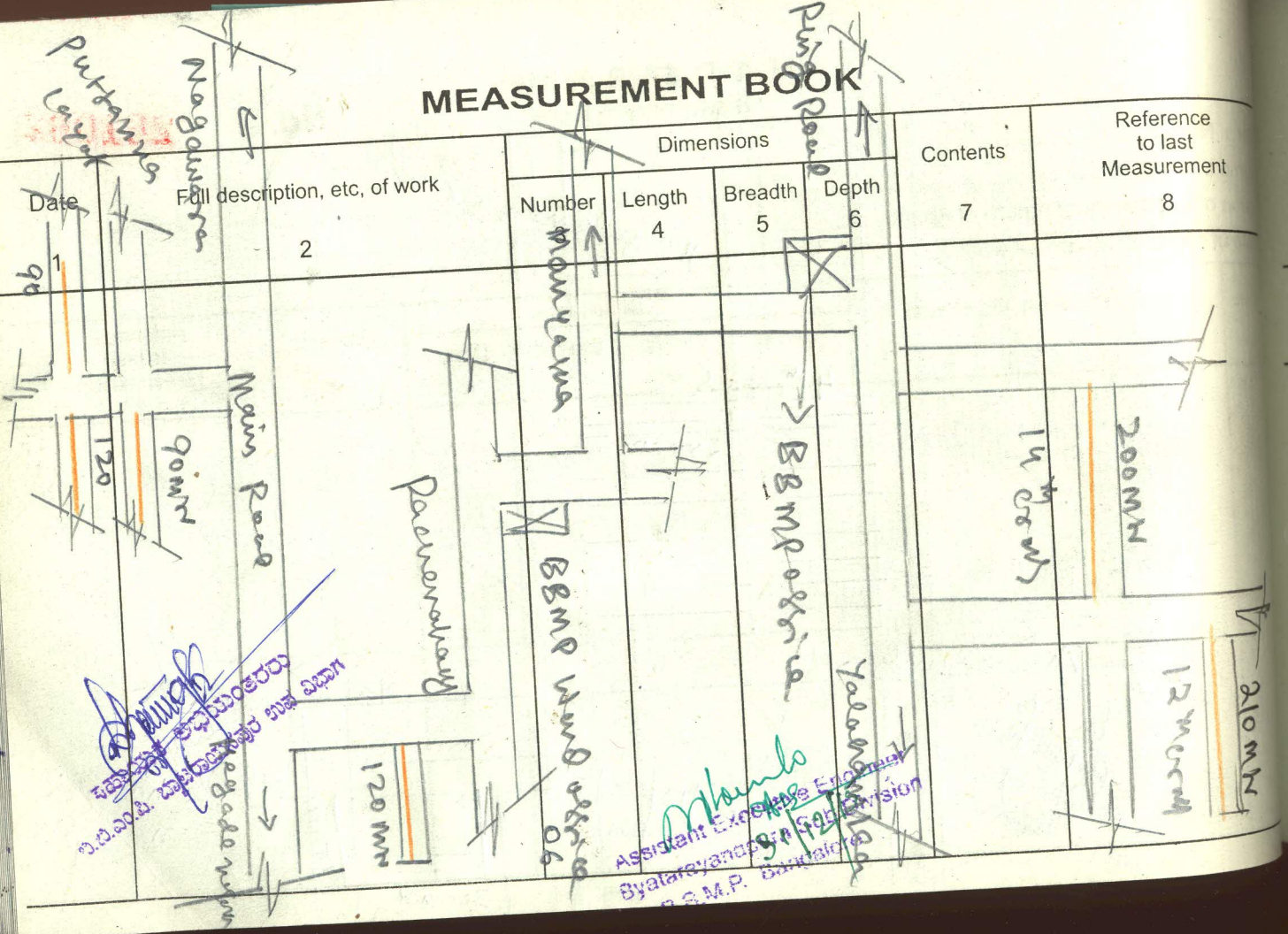
Yalahanka

New Shanshi nagara

Assistant Executive Engineer 31/12/2015 Byatarayanapura Sub Division B.B.M.P. Bangalore

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8



Serial No. .....

Name of Work .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work
1	2

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ಪ್ರಾಜೆಕ್ಟ್ ಎಂಜಿನಿಯರ್
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು

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th	Depth 6	Contents 7	Reference to last Measurement 8

M. A. R. 57 (Rule 116)
Measurement Book

No. B 261062

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
						3133890=00	
						426210=00	
						2707680=00	